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NEW EQUIPMENT FOR SOVIET TEXTILE AND LIGHT INDUSTRY

PUT CARDING MACHINE INTO SERIES PRODUCTION -- Moscow, Vechernyaya Moskva, 20 Oct 53

The Moscow Machinery Plant imeni Pervoye Maya recently put the VGCh-3 high-production carding machine into series production. The VGCh-3 will be used at the Nerekhta Krasnaya Tekstil'shchitsa Combine.

NEW TEXTILE MACHINES -- Moscow, Vechernyaya Moskva, 28 Sep 53

The Moscow Presnenskiy Machine Building Plant is now assembling roving-drawing frames designed by A. Amelichev and L. Bugakovich for worsted mills. The frames have an increased productivity, are smaller, and need less metal in their manufacture.

The plant intends to deliver velvet finishing machines to textile mills ahead of schedule in 1953, including a disk-cutting machine which trims the nap of the entire width of velvet in one operation. The disk-cutting machine will be released on 7 November 1953.

A brush-napping machine has been developed to raise the nap on velvet cloth. This operation is done on existing machines by clumsy reciprocating brushes. The new machine raises the nap by a circular motion at great speed. The manufacture and assembly of the brush-napping machine has been assigned to the plant's second machine and assembly shop.

The Presnenskiy Plant is faced with the task of sharply increasing the output of machines for the woolen industry. Provisions are being made to produce in 1954 as many carding machines for the fine woolen industry as have been produced in the previous 4 years. The plan provides for producing drawing frames for carding wool which are to be used for processing boston, gabardine,

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metro, de luxe, and other worsted fabrics, and cutting and loosening (rezatel'-norykhlitel'nyy) machines for staple fiber. --P. Volodenko, chief engineer, Presnenskiy Machine Building Plant

PROGRESS AT LENINGRAD PLANT -- Moscow, Izvestiya, 17 Oct 53

The Leningrad Plant imeni Karl Marks has sent the last of ten machines of a staple aggregate to the Kalinin Textile Combine. The aggregate will produce 10 tons of fiber per day. This type of aggregate was built in the USSR for the first time.

The second machine-assembly shop is now building a two-level and three-level drying frame for the second staple aggregate. Another machine, which is 22 meters long and has 54,000 parts, is also being set up here.

The seventh assembly shop has assembled machines for the wet spinning of flax fiber and K-136-I machines for processing high-number rayon.

PRODUCE TWISTING, SPINNING FRAMES; CLEANING AGGREGATE -- Moscow, Pravda, 20 Oct 53

The Penza Textile Machine Building Plant has built an experimental model of a small twisting frame. The use of such a machine at spinning mills will increase the output of products 50 percent per square meter of floor space. The assembly of a small spinning frame is also being completed at the plant.

The new machines are being provided with all possible automatization of the production processes. They are equipped with automatic interlocking devices and other special devices.

The Kuznetsk Textile Machine Building Plant is working on an improved aggregate for cleaning and opening machine-picked cotton.

NEW EQUIPMENT FOR FUR, FOOTWEAR, TRICOT ENTERPRISES -- Moscow, Vechernyaya Moskva, 26 Sep 53

New equipment is being made at the Moscow Legmashdetal' Plant for fur, footwear, tricot, and other enterprises.

The plant, in cooperation with the Scientific Research Institute of the Fur Industry, built an originally designed mechanized ring-type dryer for sheepskins. The new aggregate dries furs 12 times as fast as older methods. The aggregates are being made for the Rostokino and Kazan' Fur Combines.

The plant has designed a special device for inspecting the quality of hosiery. The device is an expandable revolving dummy on which a stocking is placed and examined by the inspector.

Circular hosiery automatic machines have complicated, fast-wearing parts, such as wheels (venchik) with notches for needles. The plant has set up the mass production of these wheels and will supply hosiery mills.

Cutters made in the shape of shoe uppers have been designed for a more effective method of mass cutting. The cutter is placed on the leather and a press applies pressure. The cutting operator's work has been greatly facilitated. Nine hundred of these cutters were produced in August.

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The sewing industry is beginning to receive steam irons; 125 have already been manufactured at the plant.

Flax and hemp are retted in special pits when they are processed. A special conveyer has been designed for withdrawing them from the pits. The conveyer is mounted on a cart which runs on rails along the pits. The plant has made dozens of these conveyers, which has made it easier to process bast crops.

WINTER PREPARATIONS AT TASHTEKSTIL'MASH PLANT -- Tashkent, Pravda Vostoka, 13 Oct 53

Preparations for winter determine the success of a plant's plan. Some of the plants in Tashkent are poorly prepared, but conditions at the Tashtekstil'mash Plant (Kotov, director) are somewhat better.

Reconditioning is being completed on the heat-treatment, experimental, and tool shops, and buildings for recreation living quarters, and training. The plant has been supplied with fuel, but is still behind schedule.

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